Summary of Quantities

#	Item	Section	Quantity North	Quantity South	Quantity Total	Unit	Rates/Remarks
1	Special Clearing	201	0.4	0.6	1	L.S.	
2	Earth Excavation	202	68,017	124,879	192,896	C.Y.	Compaction per Section 205
3	Mine Refuse Excavation	202	59,758	92,357	152,115	C.Y.	Compaction per Section 205
4	Seeding	250	27.0	50.0	77.0	Acre	
5	Agricultural Ground Limestone	250	1,080	2,000	3,080	Ton	40 Tons/Acre
6	Nitrogen Fertilizer Nutrient	250	5,400	10,000	15,400	Pound	See Schedule Below
7	Phosphorus Fertilizer Nutrient	250	2,700	5,000	7,700	Pound	
8	Potassium Fertilizer Nutrient	250	5,400	10,000	15,400	Pound	
9	Mulch Method 2, Procedure 1	IDOT 251	27.0	50.0	77.0	Acre	2 Tons/Acre
10	Mine Refuse Treatment – Limestone	255	5,400	10,000	15,400	Ton	200 Tons/Acre
11	Mowing	258	27.0	50.0	77.0	Acre	
12	Perimeter Erosion Barrier	IDOT 280	875	550	1,425	Foot	Silt Fence Required IDOT Standard 280001-03
13	Inlet and Pipe Protection	IDOT 280	0	1	1	Each	Silt Fence Required IDOT Standard 280001-03
14	Stone Riprap, A-3	IDOT 281	20	0	20	Ton	
15	Special Excelsior Blanket	286	8,805	19,253	28,058	S.Y.	8 Feet Wide Strips
16	Aggregate Surface Course, Type B, CA-6	IDOT 402	2,184	2,632	4,816	Ton	
17	Removal of Existing Structures	501	0.5	0.5	1	L.S.	
18	Pipe Culvert 12", PE w/Smooth Interior, Type 1	IDOT 542	95	0	95	Foot	
19	Pipe Culvert 18", PE w/Smooth Interior, Type 1	IDOT 542	50	0	50	Foot	
20	Pipe Culvert 36", PE w/Smooth Interior, Type 1	IDOT 542	0	80	80	Foot	Material & Delivery Only See Note #4 Sheet 3
21	Metal End Section. 42" Diameter	IDOT 542	0	2	2	Each	Material & Delivery Only See Note #4 Sheet 3
22	Adjusting Water Service Lines	IDOT 563	1,345	0	1,345	Foot	PVC Pipe, 2" Dia., Schedule 40
23	Frech Drains, Chert, CA-1	IDOT 601	0	54	54	Ton	
24	Geotechnical Fabric For French Drains	IDOT 601	0	174	174	S.Y.	
25	Dewatering Impoundments–Impoundment #1	614	1	0	1	L.S.	
26	Dewatering Impoundments–Impoundment #2	614	0	1	1	L.S.	
25	Dewatering Impoundments–Impoundment #3	614	0	1	1	L.S.	
26	Mobilization (Max. of 6 % of Bid)	671	0.5	0.5	1	L.S.	

GENERAL NOTES

Unless otherwise noted on the plans, all disturbed areas within the construction limits will be amended with agricultural ground limestone, fertilizer nutrients, seeded and mulched at the required rates specified in the plans.

The contractor is responsible for visiting the site and familiarizing himself with the existing conditions and the proposed reclamation work prior to submitting a bid.

The contractor shall provide and pay for all field engineering services to execute the project as specified in the Field Engineering section of the Special Provisions.

The contractor is responsible for locating and protecting all existing utility lines pertaining to the work.

Unless noted on the plans, all onsite access roads may be used for construction and must be maintained during construction and restored to original or better condition at the completion of work by the contractor. Access roads to the site as designated in the plans are to be maintained to the satisfaction of the engineer.

The construction limits will be staked by the contractor prior to construction. The contractor is responsible for the repair and or restitution at his own expense for all damages done to any area outside the construction limits.

Application rates specified in the plans are shown in the Summary of Quantities–Rates/Remarks column.

CONSTRUCTION NOTES

BURIAL/REMOVAL OF MATERIAL–Concrete and masonry debris designated for burial by the engineer shall be buried at least three feet below proposed final grade. Onsite organic debris and trash shall be disposed of in an engineer approved offsite landfill in accordance with Sections 201 and 501 of the Special Provisions.

TREE REMOVAL–Trees removed shall be disposed of onsite per Section 201 of the Special Provisions.

ACID WATER TREATMENT–If acid mine drainage treatment is determined necessary by the engineer, and not otherwise specified in the plans, any water treatment will be paid for in accordance with Article 109.04 of the Standard Specifications.

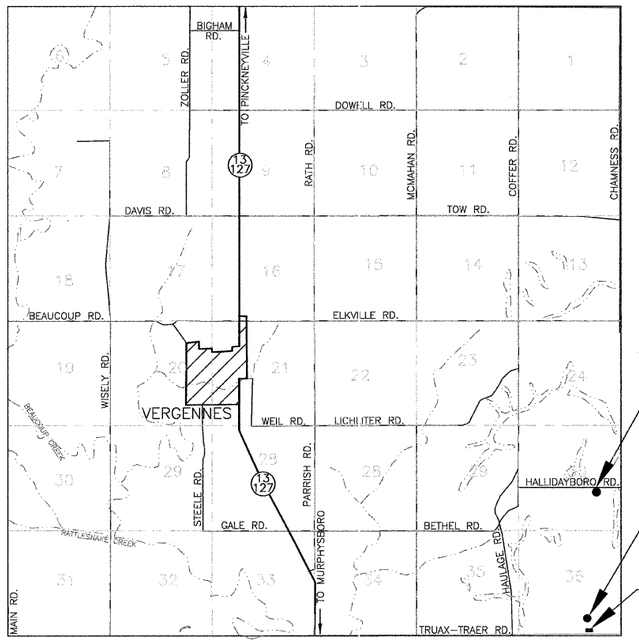
EROSION CONTROL–The contractor shall schedule his operations and take such precautions that may be necessary to prevent or minimize erosion. Failure to comply with this requirement shall cause the contractor to be fully responsible for repairing any eroded areas and cleaning up areas or drainage structures that have become silted in or damaged.

AGRICULTURAL GROUND LIMESTONE–Immediately prior to seed bed preparation, fertilizer nutrients and agricultural ground limestone shall be uniformly spread at the rates specified in the plans.

MULCHING–Within 24 hours from the time seeding has been performed, the seeded area shall be given a covering of mulch at the rates specified in the plans. The mulch is to be anchored into the soil in accordance with the requirements for method 2, procedure 2 of Article 251.03 of the Standard Specifications. If Excelsior or Special Excelsior Blanket is to be used, the blanket shall be placed the same day that the areas are seeded.

MINE REFUSE TREATMENT– After mine refuse has been graded to the subgrade shown in the plans, agricultural ground limestone shall be uniformly spread at the rate specified in the plans. A 3 inch layer of soil shall then be spread over the mine refuse treatment area and blended to a depth of 6 inches with an industrial offset disk approved by the engineer. Treated areas shall then be covered with 33 inches of soil.

T.7S.–R.2W.



LOCATION MAP

Schedule of Seeding, Fertilizer Nutrients, Mulch and Mowing

ITEM (unit)	FALL 2008 AUG. 20 – SEPT. 30 North	FALL 2008 AUG. 20 – SEPT. 30 South	SPRING 2009 APR. 20 – MAY 15 North	SPRING 2009 APR. 20 – MAY 15 South	SPRING 2009 MAY 15 – JUN. 15 North	SPRING 2009 MAY 15 – JUN. 15 South	TOTAL QUANTITY
SEEDING (acres)	27.0	50.0					77.0
AGRICULTURAL GROUND LIMESTONE (tons)	1,080 40 T/A	2000 40 T/A			Actual Date to be Approved by Engineer		3,080
NITROGEN FERTILIZER NUTRIENT (pounds)	2,700 100 Lb./A	5,000 100 Lb./A	2,700 100 Lb./A	5,000 100 Lb./A			15,400
PHOSPHOROUS FERTILIZER NUTRIENT (pounds)	2,700 100 Lb./A	5,000 100 Lb./A					7,700
POTASSIUM FERTILIZER NUTRIENT (pounds)	5,400 200 Lb./A	10,000 200 Lb./A					15,400
MULCH, METHOD 2 PROCEDURE 1 (acre)	27.0 2 T/A	50.0 2 T/A					77.0
MOWING (acres)					27.0	50.0	77.0

State of Illinois
Department of Natural Resources

Vergennes Township South Reclamation Project
AML-GJKE-0609
Jackson County

Drawn By: OMA Date: 01-28-08
Checked By:

Summary of Quantities/ General Notes/Location Map
Sheet 2 of 43